- the price
- "N/C" if the item is being provided at "No Charge" to the University
- "NSP" with corresponding "Note" if the price is included in another line item price
- "N/O" if the item is "Not Offered"

The Offeror may provide additional line items and prices where necessary.

2. Memory Upgrade Pricing

The price provided for the Memory Upgrade mandatory option, identified in specification 6.2.15, shall be a not-to-exceed price. Before exercising this option in the first calendar quarter of 1999, the University will determine whether the not-to-exceed price is the best price available. Should the then current market price of this option be more advantageous, the price of this mandatory option shall be subject to downward negotiation. The Offeror may propose a methodology for repricing this mandatory option.

3. ASCI Blue Funding Profile

The University's best estimate of the ceiling amount for funds to be made available for this ASCI Blue subcontract is $100M. This ceiling includes all MR, MO, and TR requirements for one Initial Delivery System, Technology Refreshes, one Sustained Stewardship TeraFLOP/s system, Memory Upgrade, Applications Development Assistance, and all other ASCI Blue costs for one subcontract. If a second subcontract is issued as a result of this solicitation, it is anticipated that the funding profile for the second subcontract will be the same as identified below for the single subcontract. It should be noted that, if only one contract is issued and the University elects to exercise the mandatory option for a second Initial Delivery System (specification 6.2.3), the price of that system is considered to be outside of the $100M ceiling. It is expected that funding for ASCI Blue will be appropriated on a Government Fiscal Year basis as follows:

Description	Funding $	Interval
ASCI Blue Funding Envelope	**$100,000,000**	**FY96-FY99**
First Year Funding	$25,000,000	FY96
Second Year Funding	$25,000,000	FY97
Third Year Funding	$25,000,000	FY98
Fourth Year Funding	$25,000,000	FY99

4. Milestone Pricing Schedule

The Offeror shall complete the Microsoft Excel 5.0 Milestone Price Schedule, a copy of which is contained in Appendix C of this RFP attachment. Additional milestones may be added as appropriate. To the maximum extent possible, your proposed Milestone Payment Schedule should correspond to the Laboratory's projected ASCI Blue funding profile.

Section	Mandatory Requirement
1.2.1	Detailed Project Plan (MR)
1.2.2	Execute Development Plan (MR)
1.2.3	Install ID System(s) (MR)
1.2.5	On-site Support (MR)
1.2.6	Scalable Development Environment Goal (MR)
1.2.7	Sustained TeraFLOP Performance Goal (MR)
1.2.8	Three Peak TeraFLOP Performance Goal (MR)
1.2.9	Install Sustained Stewardship (SST) TeraFLOP System (MR)
1.2.10	Memory Upgrade (MO)
1.2.11	Performance Reviews (MR)
1.2.12	Successful Project Completion (MR)
4.1.1.1	Sustained Stewardship TeraFLOP SMP Scalable Cluster (MR)
4.1.1.2	SST Component Scaling (MR)
4.1.1.3	SST Applications Memory (MO)
4.1.2.1	SMP Platform (MR)
4.1.2.2	CPU Characteristics (MR)
4.1.3.1	Shared Main Memory (MR)
4.1.4.1	RED/BLACK Code Development Environments (MO)
4.1.4.2	RED/BLACK I/O Resources (MR)
4.1.4.3	RED/BLACK Migration (MR)
4.1.5.11	Replacement Parts and Maintenance (MR)
4.2.1.1	SMP Base Operating System and License (MR)
4.2.1.3	Networking Protocols (MR)
4.2.1.5	Group Routing (MR)
4.2.2.1	OSF DCE (MR)
4.2.2.1.1	Distributed File System Server (MR)
4.2.2.1.2	Cluster Wide Service Security (MR)
4.2.2.1.3	Transarc Encina (MR)
4.2.3.5	Cluster Wide Job Scheduling (MR)
4.2.4.1	Single Point for Cluster System Administration (MR)
4.2.5.1	Baseline Languages (MR)
4.2.6.1	Debugger for Cluster Wide Applications (MR)
4.2.6.4	Profiling Tools for Cluster Applications (MR)
4.2.6.5	Event Tracing Tools for Cluster Applications (MR)
4.2.6.6	Performance Statistics Tools for Cluster Applications (MR)
4.2.6.8	Cluster Wide Application Development Tool GUI (MR)
4.2.7.1	Linker and Library Building Utility (MR)
4.2.7.2	Make Utility (MR)
4.2.8.1	Optimized Message-Passing Interface (MPI) Library.(MR)
4.2.8.6	Graphical User Interface API (MR)
4.2.9.2	Audit Capability (MR)
4.2.10	Compliance with DOE Security Mandates (MR)
4.2.12	SST Applications Development Support (MR)
5.1.1.1	ID SMP Scalable Cluster (MR)
5.1.2.2	ID SMP Cluster Performance (MR)
5.1.3.1	RED/BLACK Partitions (MR)
5.1.3.1.1	RED/BLACK Resource Split (MO)
5.1.3.1.2	RED/BLACK Partition Switching (MO)
5.1.4.1	Replacement Parts and Maintenance (MR)
5.2.1.1	SMP Base Operating System and License (MR)
5.2.1.2	Networking Protocols (MR)

5.2.1.4	Group Routing (MR)
5.2.2	Distributed Computing Environment (MR)
5.2.2.1	Distributed File System Server (MR)
5.2.2.2	Transarc Encina (MR)
5.2.5.1	Baseline Languages (MR)
5.2.6.1	Debugger for Parallel Applications (MR)
5.2.7.1	Linker and Library Building Utility (MR)
5.2.7.2	Make Utility (MR)
5.2.8.1	Optimized Message-Passing Interface (MPI) Library.(MR)
5.2.8.4	Graphical User Interface API (MR)
5.2.10	Compliance with DOE Security Mandates (MR)
5.2.12	ID Applications Development Support (MR)
5.3.2	System Configuration (MR)
5.3.3	Test Procedures (MR)
6.1.1	Detailed Project Management Plan (MR)
6.1.2	Detailed Hardware Project Plan (MR)
6.1.3	Detailed Software Project Plan (MR)
6.2.1	Detailed Project Plan (MR)
6.2.2	Initial Delivery (ID) System (MR)
6.2.3	Second Initial Delivery (ID) System (MO)
6.2.4	ID Applications Development Support (MR)
6.2.5	FY97 Plan and Review (MR)
6.2.7	FY98 Plan and Review (MR)
6.2.8	SST Applications Development Support (MR)
6.2.11	Scalable Development Environment Demonstration (MR)
6.2.12	Sustained Stewardship TeraFLOP (SST) Demonstration (MR)
6.2.13	SST Installation (MR)
6.2.14	FY99 Plan and Review (MR)
6.2.15	Memory Installation (MO)
6.2.16	Disk Delivery (MR)
6.3	Performance Reviews (MR)
6.4	SST TeraFLOP/s sPPM Demonstration (MR)